



State of Utah
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DIVISION OF OIL, GAS AND MINING

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June 11, 1996

TO: Minerals File

FROM: Lynn Kunzler, Senior Reclamation Specialist *LK*

RE: Site Inspection, Utah Building Stone Supply, Lynn Spring Quarry, M/003/025, Box Elder County, Utah

Date of Inspection: June 5, 1996
Time of Inspection: 9:00 a.m.
Conditions: Clear and warm
Participants: Dick Riorden, Consultant; William Bown, Jay Bown, Preston Bown, Owners;
Mike Ford, BLM; Lynn Kunzler, DOGM

Purpose of Inspection: To evaluate the status of the site

I met with Dick Riorden at 9:00 a.m. at the quarry. The purpose of this was a quick show me the quarry site. Dick is in the process of putting the plan of operation together for the Bown's and to look at the surrounding vegetation to determine the vegetation cover and reclamation success standard that would apply to the quarry site. The results of 10 transects, showed the cover at the quarry site to be 28%. This would make the reclamation success standard 19.6%. The major species that were observed at the quarry site included pinion pine, Utah juniper, mountain big sagebrush, sheep fescue, an unknown wheatgrass, foxtail barley, and a whole lot of various sorts of weeds that were coming in.

At 10:00 a.m. we were joined by the other folks. We had an overview of the proposed millsite, which will be an amendment to the Lynn Spring quarry. The millsite is located about 1.5 miles (as the crow flies) from the quarry. This is just off the main highway, that goes through Lynn and up through the Raft River Narrows. They have on their map an area that is just a little less than 5 acres marked. They indicated they would only need to use 1-2 acres of the site for the next few years.

The Bown's indicated there was a soil survey for the millsite, although it did not have the chemical data needed and Dick indicated that he would take a soil sample of the millsite and the quarry and submit to the lab for analyses. I also ran 10 transects at the millsite for vegetation cover. The cover was at 50%, which would give a reclamation standard of 35%. The major species involved at the millsite included basin big sagebrush, sheep fescue, a considerable component of crested wheatgrass, a couple of weedy plants, some cheatgrass, quite a bit of phlox, also some prickly pear cactus.



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The plan they talked about at this point was to strip approximately a foot of topsoil and push it to the side in berms, and then they would bring in a couple of inches of gravel to build a base to work on. They do plan on fencing the entire site, even though they will not be disturbing the entire site at this time. When reclamation comes, they would plow under the gravel, respread the topsoil and reseed the area.

There were questions raised at the meeting with the Bown's in the Division office in April, regarding whether or not the BLM would allow waste rock to be disposed of at the millsite, or whether it would have to be hauled back to the quarry area for disposal. Mike Ford indicated that waste material from valid mining claims can be disposed of on millsite claims. He is concerned that they do not have large open pits for the disposal of the waste rock at the millsite and would prefer smaller pits that would be filled within a year or two. This way they will be able to keep on top of the waste rock situation. There is a two-track road that goes along the west side of the claim. The Bown's would like to move it closer to the existing fence. This will allow them to fence in their mill site and increase security. It does serve access along the fence line for the ranchers; however, Mike Ford indicated that he didn't know if the right-of-way would allow the road to be moved under the power line. That will need to be checked out.

jb
cc: Gordon Struthers, USFS
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